

WHAT IS CLAIMED IS:

1. An image recording element comprising a support having thereon an image-receiving layer, said recording element containing core/shell particles wherein said shell of said particles consists of an oligomeric or polymeric aluminosilicate complex or an aluminosilicate particulate, said complex and said particulate having a positive charge and being counter balanced by an anion.

2. The recording element of Claim 1 wherein said shell particles comprise polymeric organosilicate complex and said polymeric aluminosilicate complex has the formula:



where the ratio of x:y is between 0.5 and 4, a and b are selected such that the rule of charge neutrality is obeyed; and n is between 0 and 10.

3. The recording element of Claim 1 wherein said particles comprise oligomeric aluminosilicate complex and said oligomeric aluminosilicate complex is synthetic or naturally occurring hydrous aluminosilicate minerals, both crystalline and amorphous, including imogolite, proto-imogolite, allophane, halloysite, or hydrous feldspathoid.

4. The recording element of Claim 1 wherein said particles comprise particulate and said particulate has the formula:



where the ratio of x:y is between 1 and 3, and a and b are selected such that the rule of charge neutrality is obeyed; and n is between 0 and 10.

5. The recording element of Claim 1 wherein said core/shell particles are present in said image-receiving layer.

6. The recording element of Claim 1 wherein said core/shell particles are present in an overcoat layer.

7. The recording element of Claim 1 wherein said core comprises silica.

8. The recording element of Claim 1 wherein the ratio of the core material to the shell material is from about 3 to about 40 % by weight of the core particles.

9. The recording element of Claim 1 wherein the ratio of the core material to the shell material is from about 10 to about 30 % by weight of the core particles.

10. The recording element of Claim 1 wherein the particle size of said core/shell particle is in the range from about 5 nm to about 1000 nm.

11. The recording element of Claim 1 wherein the particle size of said core/shell particle is in the range from about 50 nm to about 300 nm.

12. The recording element of Claim 1 wherein said support is opaque.

13. The recording element of Claim 1 wherein said support is transparent.

14. The recording element of Claim 1 which also includes a base layer located between said image-receiving layer and said support.

15. The recording element of Claim 1 wherein said image-receiving layer contains a polymeric binder.

16. The recording element of Claim 1 wherein said image receiving layer is an ink jet receiving layer.